



# ASSIGNMENT 2..!!!

Shreya Rawal

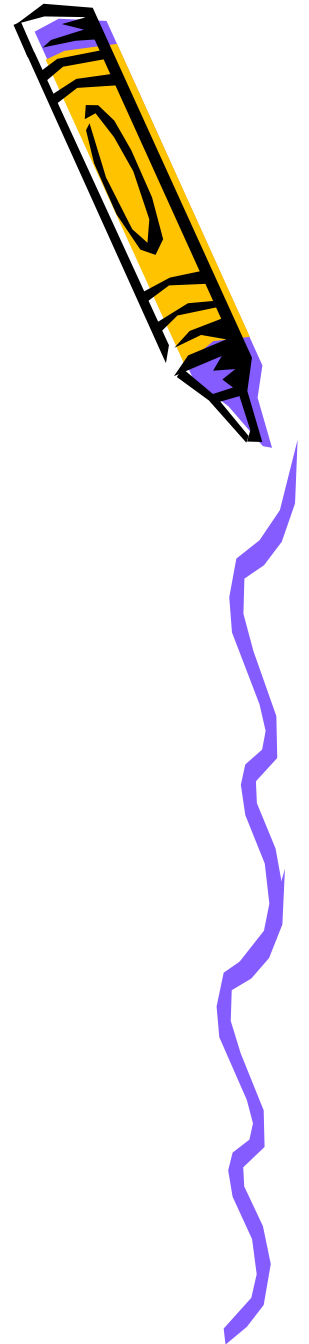
email: [srawal@ucalgary.ca](mailto:srawal@ucalgary.ca)



# Assignment-2 on Databases

**Deadline:**

April 03, 2009 at 11:59 pm



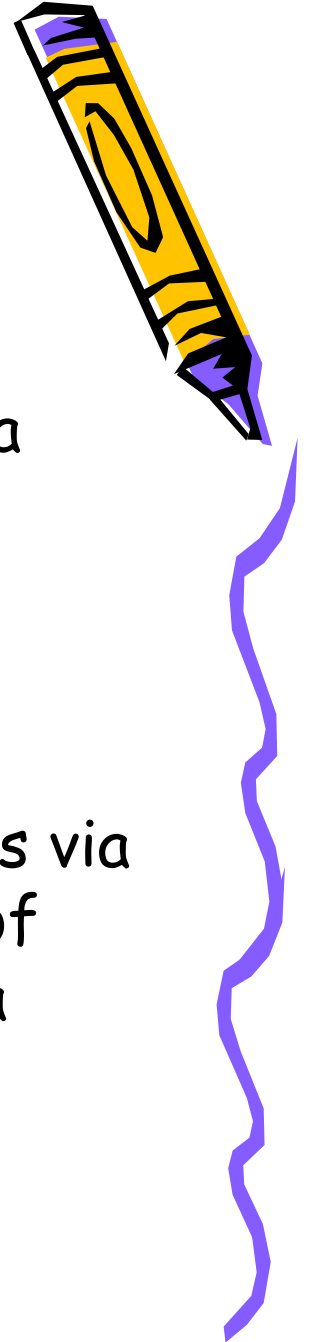
# Mission

Using existing database tables and queries for "Website Data" as a guide, create an analysis of the "Language Data". Additionally, create a data entry form for table LanguageRankings and a simple report based on your final Language data summarization query. **For full marks, you have to go beyond imitating the existing query patterns, and add some new analysis: compare some other data in this database to the language data.**



# Objective:

- To practice organizing spreadsheet data into a relational database and thus reinforce the principles of relational database design.
- To introduce you to a realistic data analysis exercise using database queries
- To introduce the idea of building up an analysis via sequential queries. Each query does one step of the required data organization or analysis at a time.



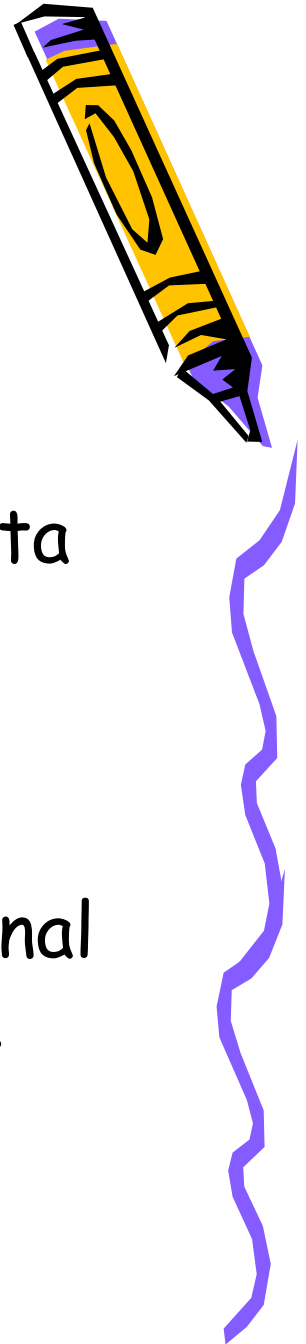
# Design Guidelines -Part 1

- Use the template database:  
ClassSurvey-Jalal.mdb
- Using the existing queries (which organize and analyse the "Website Data") as your guide, develop a matching series of queries to organize and analyze the "Language" data.



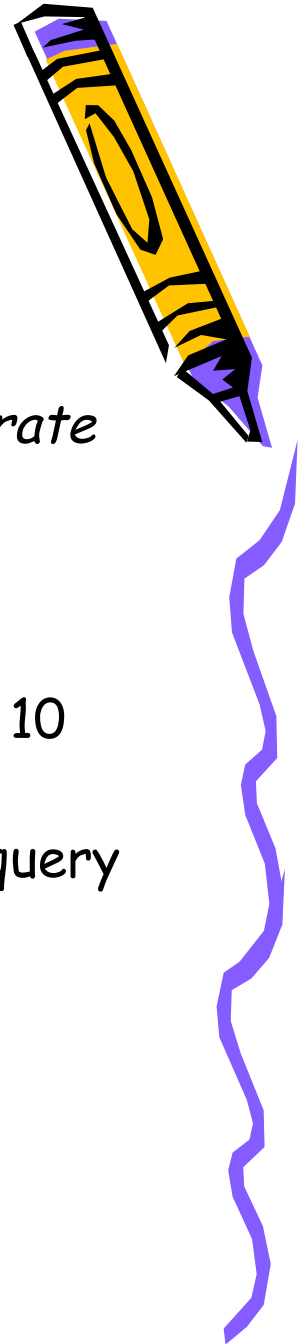
# Design Guidelines 2 -Part 2

- Set Primary Keys in **all** tables (after data is loaded)
- Create a Data Entry form for LanguageRankings"
- Create a simple report based on your final query summarizing the "Language" data.



# Marking Guidelines

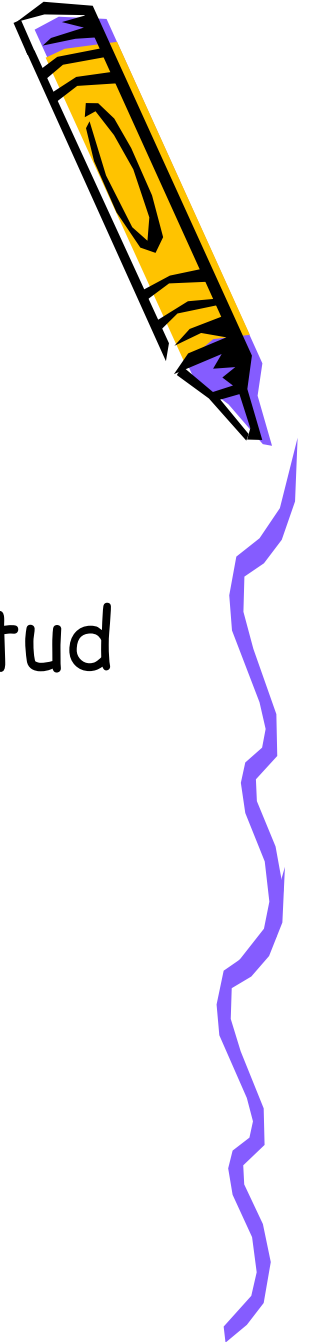
- Queries - 60 points (*10 points for queries that incorporate new analysis*)
- Table "LanguageRankings" properly loaded - 6 points
- All tables with proper primary keys. - 4 points
- Simple Data Entry form based on "LanguageRankings" - 10 points
- Simple Report based on your final data summarization query for the Language data - 10 points
- Data Entry and Report Design - 10 points.



# Submission (Submit via Blackboard)

- Name the assignment file:

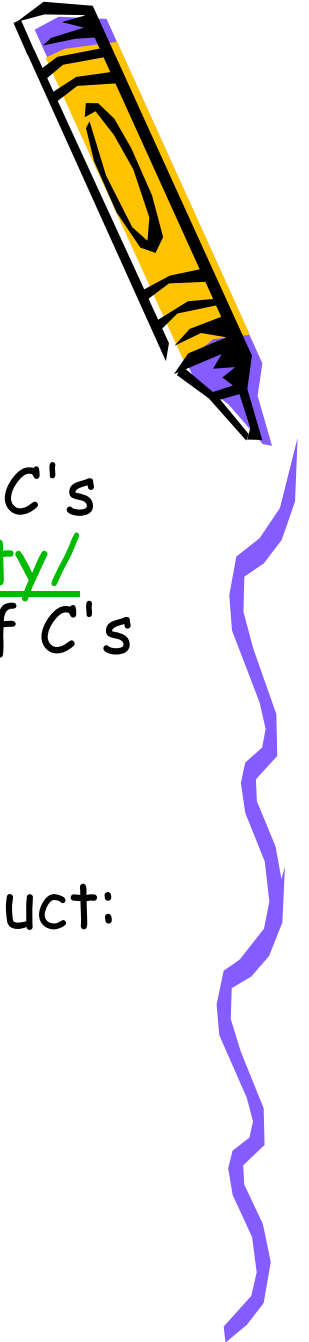
Assign2\_LastName\_FirstName\_StudentID.mdb





# Original Work

- All the work you submit must be original, and developed by you. If in doubt, check the U of C's honesty policy: <http://www.ucalgary.ca/honesty/> and check with your TA. Also be aware of U of C's definitions of **Plagiarism/Cheating/Other Academic Misconduct** and the penalties and procedures associated with incidents of Plagiarism/Cheating/Other Academic Misconduct: [http://www.ucalgary.ca/pubs/calendar/2007/how/How\\_LB.htm](http://www.ucalgary.ca/pubs/calendar/2007/how/How_LB.htm)



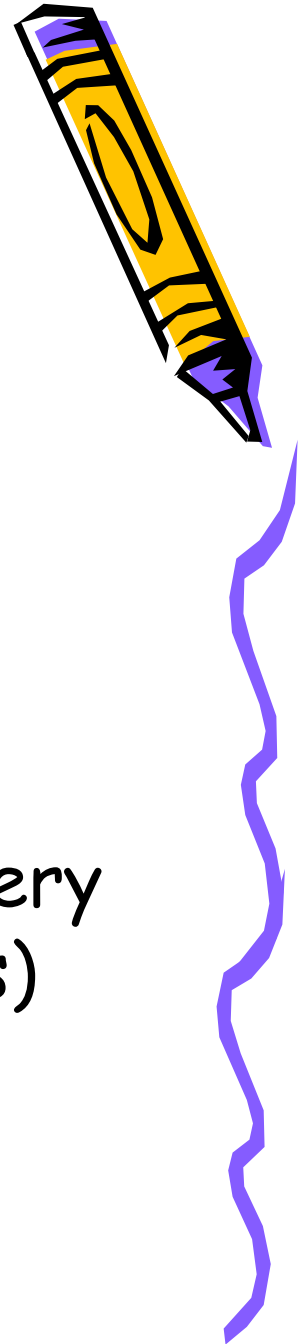
# Implementation Guidelines

- Split the language data and create 3 Queries for 3 languages.
- Combine the 3 language queries (Look at the Union Query, only be applied in SQL view)
- Then perform all the queries.



# Implementation Guidelines

- Other Queries include
  - Calculating score
  - Summarizing the scores
  - Cross Tab Query
  - You should do atleast one analysis query of your own (New and Unique analysis)



# Implementation Guidelines

- Then Create your Forms and Reports.
- DO NOT forget to define the primary keys for each table.

